

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	116	lachowicz-artur\$.in. or guadi-kai\$.in. or yatsugi-ken\$.in. or takahashi-massaharu\$.in. or grahe-gerwald\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:11
S2	19	S1 and phosphine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 11:48
S3	555	528/398.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 11:48
S4	626	525/436.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 13:21

## EAST Search History

S5	49	(US-20030165701-\$ or US-20060094804-\$ or US-20020019558-\$ or US-20030190304-\$ or US-20050104041-\$ or US-20060264597-\$).did. or (US-4602061-\$ or US-5219958-\$ or US-5589534-\$ or US-5859135-\$ or US-5827928-\$ or US-5565525-\$ or US-5959028-\$ or US-6054606-\$ or US-4617154-\$ or US-5300571-\$ or US-5424365-\$ or US-5496896-\$ or US-5643977-\$ or US-5739230-\$ or US-6262202-\$ or US-6281321-\$ or US-6297377-\$ or US-6299859-\$ or US-6306939-\$ or US-6348591-\$ or US-6355708-\$ or US-6362183-\$ or US-6384113-\$ or US-6399640-\$ or US-6414155-\$ or US-6521716-\$). did. or (US-5728750-\$ or US-4340707-\$ or US-4517343-\$ or US-5002849-\$ or US-5925006-\$ or US-6221994-\$ or US-6303742-\$ or US-6316595-\$ or US-6344459-\$ or US-6552170-\$ or US-6887517-\$ or US-4822681-\$ or US-5321108-\$ or US-5859157-\$ or US-4329321-\$ or US-4495335-\$ or US-4547409-\$). did.	US-PGPUB; USPAT	ADJ	ON	2007/08/14 15:29
S6	1	WO-200168736-\$.did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/14 16:21
S7	9	("2759913" "4217396" "4602061" "4871822" "5017649" "5496896"). PN. or ("4408018").PN. or ("5084536").PN. or ("5565525").PN.	US-PGPUB; USPAT	ADJ	ON	2007/08/15 08:11
S8	17	S5 and phosphine	US-PGPUB; USPAT	ADJ	ON	2007/08/14 13:52
S9	1542	Michael and (\$4phosphine or \$4phosphane) same catalyst	US-PGPUB; USPAT	ADJ	ON	2007/08/14 13:54
S10	83	Michael and (\$4phosphine or \$4phosphane) near5 alkyl same catalyst	US-PGPUB; USPAT	ADJ	ON	2007/08/14 13:58
S11	954	Michael same (addition or acceptor or donor) and phosphine and (carboxylic acid or formic or acetic or propionic)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 13:59
S12	960	Michael same (addition or acceptor or donor) and phosphine and (carboxylic acid or formic or acetic or propionic)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 13:59

## EAST Search History

S13	699	S11 and cur\$5	US-PGPUB; USPAT	ADJ	ON	2007/08/14 14:00
S14	439	S13 and @ad<"20030616"	US-PGPUB; USPAT	ADJ	ON	2007/08/14 15:54
S15	2	"6635736".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/14 14:06
S16	4254	tributylphosphine	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/14 14:07
S17	902	tributylphosphine same catalyst	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/14 14:07
S18	0	tributylphosphine same catalyst19 and michael	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/14 14:07
S19	120	S17 and michael	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/14 14:10
S20	25	S17 and michael addition	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/14 14:14
S21	1	("4408018" "4511596" "4588807" "4602061" "4698406" "4730033" "5084536" "5169979" "5426156" "5451653").PN. and alkyl near4 phosphine	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/14 14:15
S22	3149	michael addition and (formic or acetic or propionic)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 14:42
S23	2900	michael addition and (formic or acetic or propionic) acid	US-PGPUB; USPAT	ADJ	ON	2007/08/14 14:34
S24	2151	S23 and @ad<"20030616"	US-PGPUB; USPAT	ADJ	ON	2007/08/14 14:43
S25	1308	S24 and (cur\$4)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 14:36
S26	15	(US-20050107579-\$ or US-20030165701-\$ or US-20030158033-\$).did. or (US-7202311-\$ or US-7201957-\$ or US-6733698-\$ or US-6372873-\$ or US-5759692-\$ or US-6887517-\$ or US-6521716-\$ or US-6221994-\$ or US-6054606-\$ or US-5959028-\$ or US-5919978-\$ or US-6635736-\$). did.	US-PGPUB; USPAT	ADJ	ON	2007/08/14 14:42
S27	28	(S5 or S26) and (formic or acetic or propionic)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 14:43

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S28	26	S27 and @ad<"20030616"	US-PGPUB; USPAT	ADJ	ON	2007/08/14 14:43
S29	98	isobutylphosphine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:12
S30	63	tri octylphosphine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:13
S31	4	tri octylphosphine and michael	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:14
S32	75	octylphosphine and michael	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:18
S33	435	octylphosphine and catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:18
S34	113	octylphosphine same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:27
S35	15	S32 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:24
S36	74	octyl phosphine same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:28

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S37	6	octyl phosphine same catalyst and michael	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:28
S38	49	(US-20030165701-\$ or US-20060094804-\$ or US-20020019558-\$ or US-20030190304-\$ or US-20050104041-\$ or US-20060264597-\$).did. or (US-4602061-\$ or US-5219958-\$ or US-5589534-\$ or US-5859135-\$ or US-5827928-\$ or US-5565525-\$ or US-5959028-\$ or US-6054606-\$ or US-4617154-\$ or US-5300571-\$ or US-5424365-\$ or US-5496896-\$ or US-5643977-\$ or US-5739230-\$ or US-6262202-\$ or US-6281321-\$ or US-6297377-\$ or US-6299859-\$ or US-6306939-\$ or US-6348591-\$ or US-6355708-\$ or US-6362183-\$ or US-6384113-\$ or US-6399640-\$ or US-6414155-\$ or US-6521716-\$). did. or (US-5728750-\$ or US-4340707-\$ or US-4517343-\$ or US-5002849-\$ or US-5925006-\$ or US-6221994-\$ or US-6303742-\$ or US-6316595-\$ or US-6344459-\$ or US-6552170-\$ or US-6887517-\$ or US-4822681-\$ or US-5321108-\$ or US-5859157-\$ or US-4329321-\$ or US-4495335-\$ or US-4547409-\$). did.	US-PGPUB; USPAT	ADJ	ON	2007/08/14 15:29
S39	3	S38 and alkyl same phosphine	US-PGPUB; USPAT	ADJ	ON	2007/08/14 15:30
S40	180	michael addition and alkyl same phosphine	US-PGPUB; USPAT	ADJ	ON	2007/08/14 15:37
S41	2	US-20030195317-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 15:32
S42	180	michael addition and alkyl same phosphine	US-PGPUB; USPAT	ADJ	ON	2007/08/14 15:49
S43	187	michael addition and alkyl same (phosphine or phosphane)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 15:49
S44	1	"6576684".pn.	US-PGPUB; USPAT	ADJ	ON	2007/08/14 15:49

## EAST Search History

S45	188	michael addition and alkyl same phosphine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 16:02
S46	104	S45 and @ad<"20030616"	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:04
S47	485	michael addition and catalyst same \$9phosphine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 16:03
S48	341	S47 and @ad<"20030616"	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:10
S49	4913	polyacrylate and cur\$4 and \$9phosphine	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:08
S50	4960	polyacrylate and cur\$4 and \$9phosphine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 16:09
S51	3113	polyacrylate and cur\$4 and \$9phosphine and methylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 16:10
S52	543	polyacrylate and cur\$4 and \$9phosphine same catalyst and methylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 16:10
S53	334	S52 and @ad<"20030616"	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:16
S54	0	(\$3dodecylphosphine or \$3octylphosphine) same proton near3 acceptor	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:17
S55	3	(\$3dodecylphosphine or \$3octylphosphine) same proton	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:17
S56	2	"20010047071".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/08/14 16:21